IN THE CLAIMS

What is claimed is:

 An embossing tool for mechanically embossing a surface covering comprising:

a slurry, the slurry having a pattern and releasably attached to a backing, and the slurry comprising a filler and a binder.

- The embossing tool of claim 1, wherein the slurry is substantially stable at a temperature range of about 200°F to about 450°F.
- The embossing tool of claim 1, wherein the backing is selected from the group consisting of a roll, a drum, a belt, a plate and combinations thereof.
 - The embossing tool of claim 1, wherein the binder is biodegradable.
 - 5. The embossing tool of claim 1, wherein the binder comprises a gelatin.
- The embossing tool of claim 1, wherein the slurry comprises comstarch.
 - 7. The embossing tool of claim 1, wherein the slurry comprises clay.
 - 8. The embossing tool of claim 1, wherein the filler comprises limestone.

- The embossing tool of claim 1, wherein the filler has an average mesh size of between about 20 and about 400.
- The embossing tool of claim 9, wherein the embossing tool has at least two different sized fillers.
- 11. The embossing tool of claim 10, wherein a first sized filler has a mesh size ranging from about 20 to about 60 and a second sized filler has a mesh size ranging from about 250 to about 450.
- The embossing tool of claim 1, wherein the slurry pattern is printed in register with a pattern printed on the surface covering.
 - 13. The embossing tool of claim 1, wherein the slurry is recyclable.
 - 14. The embossing tool of claim 1, wherein the slurry comprises: filler from between about 30% to about 70% by weight; water from about 5% to about 70% by weight; and a binder from between about 5% to about 25% by weight.
- The embossing tool of claim 14, wherein the slurry further comprises up to about 15% by weight of a plasticizer.

- The embossing tool of claim 15, wherein the plasticizer comprises a vegetable oil.
 - 17. The embossing tool of claim 1, further including a biocide.
- 18. A method of manufacturing a mechanically embossed surface covering comprising:

printing a slurry in a pattern onto a surface covering or surface covering component;

heating the slurry residing on the surface covering; compressing the slurry into the surface covering; and removing the slurry.

- 19. The method of claim 18, wherein compressing the slurry onto the surface covering includes mechanically embossing the surface covering or surface covering component.
- The method of claim 19, wherein the surface covering is mechanically embossed in register with a printed pattern on the surface covering.
- The method of claim 18, wherein the slurry is compressed onto the surface covering by an embossing roll.

- The method of claim 21, wherein the embossing roll has a textured surface.
- 23. The method as claimed in claim 18, wherein the slurry is compressed onto the surface covering by an embossing belt or embossing plate.
- The method as claimed in claim 18, wherein the slurry is applied by screen printing onto the surface covering.
- The method as claimed in claim 18, wherein the slurry comprises a filler and a binder.
 - 26. The method of claim 18, wherein the binder is biodegradable.
- 27. The method of claim 18, wherein the slurry is applied in registered with a printed pattern on the surface covering.
- The method of claim 18, wherein the slurry is reclaimed after being removed from the surface covering.

- 29. The method as claimed in claim 18, wherein the surface covering comprises an expandable foam layer, and at least one inhibitor or activator composition disposed as a pattern proximate the foam layer, and the surface covering is expanded and chemically embossed during the heating step.
- 30. The method as claimed in claim 18, wherein the surface covering or surface covering component is chemically embossed before the slurry is applied.
- 31. A method of manufacturing a mechanically embossed surface covering comprising:

printing and solidifying a slurry in a pattern onto a backing to create an embossing tool; and

using the embossing tool to mechanically emboss a surface texture onto a surface covering.

- 32. The method of claim 31, wherein the surface covering is mechanically embossed in register with a printed design on the surface covering.
- 33. The method as claimed in claim 31, wherein the backing is selected from the group consisting of a belt, a drum, a roll, a plate and combinations thereof.
- 34. The method as claimed in claim 31, wherein the slurry is applied by screen printing onto the backing.

- The method as claimed in claim 31, wherein the slurry comprises a filler and a binder.
 - 36. The method of claim 31, wherein the binder is biodegradable.
- 37. The method of claim 31, wherein the slurry is printed in register with a printed pattern on the surface covering.
- 38. The method of claim 31, further including removing the slurry after embossing the texture onto the surface covering.
- The method of claim 38, wherein the slurry is reclaimed after being removed.
- The method of claim 31, wherein the surface covering is chemically embossed.
- The method of claim 31, further including imparting a differential gloss on the surface covering.